

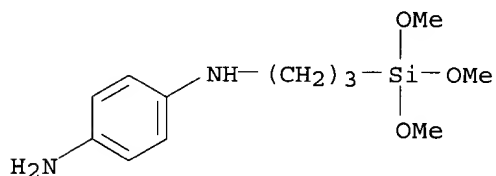
| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|---|------------------|
| 1 | 34 | (trimethoxysilyl same (polydimethylsiloxane dimethylpolysiloxane dimethylsiloxane)) and ((silanol Si-OH) same (polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone polydimethylsiloxane dimethylpolysiloxane)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/23 07:22 |
| - | 15060 | (polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (room near temperature) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/11 10:12 |
| - | 26635 | ((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 08:31 |
| - | 1668 | ((polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (room near temperature)) and (((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/11 10:13 |
| - | 224 | 528/38,901.ccls. and (((polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (room near temperature)) and (((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 08:15 |
| - | 28 | 524/588,864,869;528/12,17,34,38,901.ccls. and (((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen)) same (phenylene (divalent near aromatic))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 08:33 |
| - | 229 | 528/38,901.ccls. and (((polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (room near temperature)) and (((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 08:16 |
| - | 6 | ((524/588,864,869;528/12,17,34,38,901.ccls. and (((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen)) same (phenylene (divalent near aromatic)))) (528/38,901.ccls. and (((polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (room near temperature)) and (((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen))))) and @pd>20021211 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 08:17 |
| - | 816 | (polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (((methoxy ethoxy alkoxy) near (capped terminus end terminal terminated)) trimethoxysilyl methyldimethoxysilyl dimethoxymethylsilyl) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 08:30 |
| - | 303 | ((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen))) and ((polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (((methoxy ethoxy alkoxy) near (capped terminus end terminal terminated)) trimethoxysilyl methyldimethoxysilyl dimethoxymethylsilyl)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 12:16 |
| - | 243 | ((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen))) and ((polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (((methoxy ethoxy alkoxy) near (capped terminus end terminal terminated)) trimethoxysilyl methyldimethoxysilyl dimethoxymethylsilyl))) and ((ambient room) near temperature) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 08:32 |
| - | 98 | 524/588,864,869;528/12,17,34,38,901.ccls. and (((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen))) and ((polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (((methoxy ethoxy alkoxy) near (capped terminus end terminal terminated)) trimethoxysilyl methyldimethoxysilyl dimethoxymethylsilyl))) and ((ambient room) near temperature) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 08:33 |

| | | | | |
|---|----|--|---|------------------|
| - | 63 | (((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen))) and ((polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (((methoxy ethoxy alkoxy) near (capped terminus end terminal terminated)) trimethoxysilyl methyltrimethoxysilyl dimethoxymethylsilyl))) and (automobile vehicle automotive car) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 12:21 |
| - | 4 | (((silane organosilane organosilicon alkoxysilane) same (diamino diamine bisamine bisamino amine amino nitrogen))) and ((polysiloxane organopolysiloxane polyorganosiloxane polydiorganosiloxane diorganopolysiloxane silicone) same (((methoxy ethoxy alkoxy) near (capped terminus end terminal terminated)) trimethoxysilyl methyltrimethoxysilyl dimethoxymethylsilyl))) and (automobile vehicle automotive car)) and (engine same oil) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 12:22 |
| - | 5 | trimethoxysilyl near (polydimethylsiloxane dimethylpolysiloxane dimethylsiloxane) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 16:02 |
| - | 88 | trimethoxysilyl same (polydimethylsiloxane dimethylpolysiloxane dimethylsiloxane) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/23 07:20 |
| - | 83 | (trimethoxysilyl same (polydimethylsiloxane dimethylpolysiloxane dimethylsiloxane)) not (trimethoxysilyl near (polydimethylsiloxane dimethylpolysiloxane dimethylsiloxane)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 16:03 |
| - | 12 | ((trimethoxysilyl same (polydimethylsiloxane dimethylpolysiloxane dimethylsiloxane)) not (trimethoxysilyl near (polydimethylsiloxane dimethylpolysiloxane dimethylsiloxane))) and RTV | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/22 16:03 |

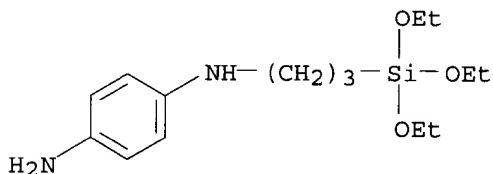
ANSWER 1 OF 12 CAPLUS COPYRIGHT 2002 ACS

AN 2002:690150 CAPLUS
DN 137:202019
TI Preparation of N-cycloalkylaminoalkylsilanes by catalytic hydrogenation of
N-aryl aminoalkylsilanes
IN Gedon, Steven C.; Hale, Melinda
PA Crompton Corporation, USA
SO U.S., 6 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | US 6448425 | B1 | 20020910 | US 2002-76378 | 20020219 |
| IT | 133080-76-9 152197-41-6 | | | | |
| | RL: RCT (Reactant); RACT (Reactant or reagent) (prepn. of N-cycloalkylaminoalkylsilanes by catalytic hydrogenation of N-aryl aminoalkylsilanes) | | | | |
| RN | 133080-76-9 CAPLUS | | | | |
| CN | 1,4-Benzenediamine, N-[3-(trimethoxysilyl)propyl]- (9CI) (CA INDEX NAME) | | | | |



RN 152197-41-6 CAPLUS
CN 1,4-Benzenediamine, N-[3-(triethoxysilyl)propyl]- (9CI) (CA INDEX NAME)



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1994:78634 CAPLUS
DN 120:78634
TI Modifiers for composite materials
IN Yanagisawa, Hideyoshi; Yamatani, Masaaki; Suzuki, Yoshiharu; Matsumoto,
Koichi
PA Shinetsu Chem Ind Co, Japan; Nitto Boseki Co Ltd
SO Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

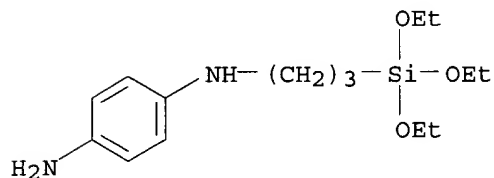
| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|--|------|----------|-----------------|----------|
| PI | JP 05156080 | A2 | 19930622 | JP 1991-348293 | 19911204 |
| IT | 152197-41-6DP, reaction products with vinylbenzyl chloride | | | | |

RL: PREP (Preparation)

(prepn. of, glass mats impregnated with, composite materials contg.,
with improved solder heat resistance)

RN 152197-41-6 CAPLUS

CN 1,4-Benzenediamine, N-[3-(triethoxysilyl)propyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2002 ACS

AN 1993:495820 CAPLUS

DN 119:95820

TI Preparation of novel alkoxy[(aminoalkyl)amino]alkylsilanes as coupling agents between inorganic and organic materials

IN Yanagisawa, Hideyoshi; Yamaya, Masaaki; Takahashi, Masayuki; Katou, Takanori

PA Shin-Etsu Chemical Co., Ltd., Japan

SO Eur. Pat. Appl., 9 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | EP 537744 | A1 | 19930421 | EP 1992-117639 | 19921015 |
| | R: DE, FR, GB | | | | |
| | JP 05105689 | A2 | 19930427 | JP 1991-295125 | 19911015 |
| | JP 2538152 | B2 | 19960925 | | |
| | US 5231207 | A | 19930727 | US 1992-960626 | 19921014 |
| PRAI | JP 1991-295125 | | 19911015 | | |

OS MARPAT 119:95820

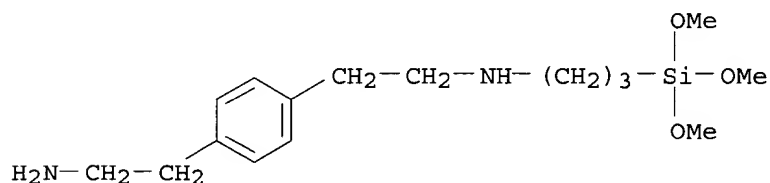
IT **149048-50-0P**

RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of, as coupling agent between org. and inorg. materials)

RN 149048-50-0 CAPLUS

CN 1,4-Benzenediethanamine, N-[3-(trimethoxysilyl)propyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2002 ACS

AN 1991:169344 CAPLUS

DN 114:169344

TI Binder for molding sand

IN Kabeta, Keiji

PA Toshiba Silicone Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 02108432 | A2 | 19900420 | JP 1988-261233 | 19881017 |
| | US 4997860 | A | 19910305 | US 1989-420103 | 19891011 |

PRAI JP 1988-261233 19881017

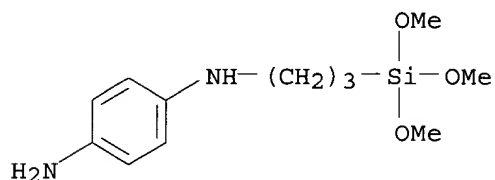
IT **133080-76-9**

RL: USES (Uses)

(binder contg. furan resin and, for molding sand)

RN 133080-76-9 CAPLUS

CN 1,4-Benzenediamine, N-[3-(trimethoxysilyl)propyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2002 ACS

AN 1987:18807 CAPLUS

DN 106:18807

TI Aminosilane coupling agents

IN Inokuchi, Hiroichi; Watanabe, Akihiko; Yoshida, Shinjiro; Yoshii, Tadashi; Yonaiyama, Hiroshi

PA Nitto Boseki Co., Ltd., Japan; Nippon Unicar Co., Ltd.

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 61112086 | A2 | 19860530 | JP 1984-233677 | 19841106 |
| | JP 01013714 | B4 | 19890307 | | |

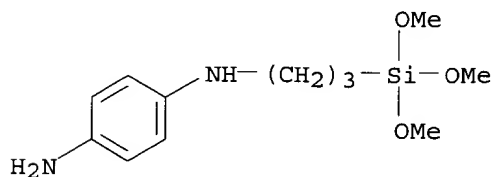
OS CASREACT 106:18807

IT **105822-45-5P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as coupling agent for glass fibers)

RN 105822-45-5 CAPLUS

CN 1,4-Benzenediamine, N-[3-(trimethoxysilyl)propyl]-, monohydrochloride
(9CI) (CA INDEX NAME)

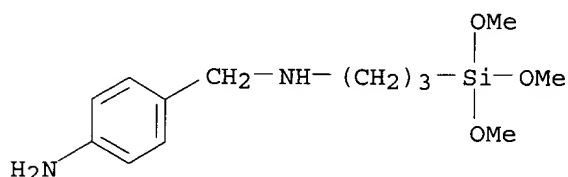


HCl

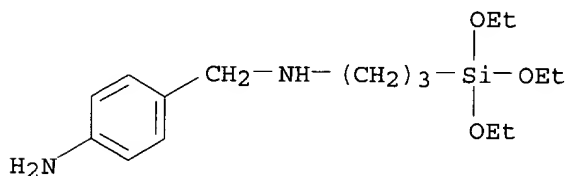
L4 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2002 ACS
 AN 1986:534122 CAPLUS
 DN 105:134122
 TI Silane derivatives
 IN Tai, Shigeyoshi
 PA Asahi-Schwebel Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | JP 61065891 | A2 | 19860404 | JP 1984-185385 | 19840906 |
| OS | CASREACT 105:134122 | | | | |
| IT | 104245-86-5P 104245-87-6P | | | | |
| | RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of, as coupling agent for epoxy or glass fiber circuit boards) | | | | |
| RN | 104245-86-5 CAPLUS | | | | |
| CN | Benzenemethanamine, 4-amino-N-[3-(trimethoxysilyl)propyl]- (9CI) (CA INDEX NAME) | | | | |



RN 104245-87-6 CAPLUS
 CN Benzenemethanamine, 4-amino-N-[3-(triethoxysilyl)propyl]- (9CI) (CA INDEX NAME)



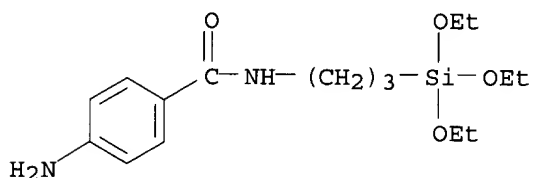
L4 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2002 ACS
 AN 1984:153434 CAPLUS
 DN 100:153434
 TI Stabilized biochemical suspension preparations
 IN Von Stetten, Otto; Schmidt, Helmut; Patzelt, Helmut
 PA Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung e.V.,
 Fed. Rep. Ger.
 SO Ger. Offen., 25 pp.
 CODEN: GWXXBX

DT Patent
 LA German

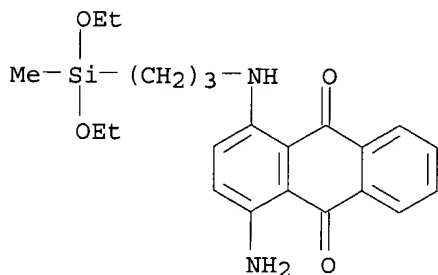
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | DE 3223101 | A1 | 19831222 | DE 1982-3223101 | 19820621 |
| | DE 3223101 | C2 | 19870611 | | |

EP 97364 A1 19840104 EP 1983-106047 19830621
 EP 97364 B1 19870128
 R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
 PRAI DE 1982-3223101 19820621
 IT 17899-11-5
 RL: ANST (Analytical study)
 (in prepn. of polymeric particles for immunoassays or affinity
 chromatog.)
 RN 17899-11-5 CAPLUS
 CN Benzamide, 4-amino-N-[3-(triethoxysilyl)propyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2002 ACS
 AN 1969:525952 CAPLUS
 DN 71:125952
 TI Dyes and pigments containing organosilicon functional groups
 AU Hemzawi, H.; Jones, Francis
 CS Univ. Leeds, Leeds, Engl.
 SO J. Soc. Dyers Colour. (1969), 85(9), 401-4
 CODEN: JSDCAA
 DT Journal
 LA English
 IT 26098-75-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 26098-75-9 CAPLUS
 CN Anthraquinone, 1-amino-4-[[3-(diethoxymethylsilyl)propyl]amino]-, polymers
 (8CI) (CA INDEX NAME)
 CM 1
 CRN 23539-18-6
 CMF C22 H28 N2 O4 Si



L4 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2002 ACS
 AN 1963:46061 CAPLUS
 DN 58:46061
 OREF 58:7782g-h
 TI Organosilicon sunburn-preventive compositions
 IN Morehouse, Edward L.

NC1=CC=C(C=C1)C(=O)NCCCC[Si](OCC)(OCC)OCC \Rightarrow